

Flo-Kem, Inc.
19402 Susana Road

Rancho Dominguez, CA 90221
Emergency: 800-255-3924

MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT

NAME: HD CONCRETE CLEANER
Identity: Floor Cleaner
TOXICITY: 3
MSDS Number: 0027
Date: 1-1-96
REACTIVITY: 1
PROTECTION: C

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Name	CAS Number	PEL	TLV
Sodium Hydroxide	1310-73-2	2 mg/M ³	2 mg/M ³

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA
Vapor Density: NA
(Air = 1): NA
Evaporation: Complete
Appearance and Odor: Yellow-white powder with white beads. Pine scented.
Flash Point (TCC): LEL: NA
None NE
Extinguishing Media: Appropriate to the fuel source.
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: Contact with water and aluminum may liberate hydrogen gas.
SECTION IV. FIRE AND EXPLOSION HAZARD DATA
LEL: NA
UEL: NA
Flammable Limits: NA
Water Solubility: Complete
pH @ 77 F: NA
Melting Point: ND
Vapor Pressure: ND
Vapor Hg.: 0
Water Solubility: Complete
pH @ 77 F: NA

SECTION V. HEALTH HAZARD DATA

Route(s) of Entry: INHALATION? No EYES? Yes SKIN? Yes INGESTION? No
(Acute) Health Hazards:
Eyes: Contact with eyes may cause damage.
Skin: Contact with skin may cause damage.
Ingestion: Swallowing may cause damage but it is so caustic a person will be unable to swallow it.
Inhalation: is not likely to occur. A dust may cause sneezing but the corrosive component is beaded and will not remain airborne.
(Chronic) Health Hazards: None known.
Signs and Symptoms of Exposure:
Eyes: Immediate burning.
Skin: Delayed burning and slick feeling.
Ingestion: Immediate intense burning in mouth.
Inhalation: Sneezing.
Medical Conditions Generally Aggravated by Exposure: Preexisting skin disorders.
Emergency and First Aid Procedures:
Eyes: Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.
Skin: Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, obtain medical attention.
Ingestion: Obtain immediate medical attention.
Inhalation: Remove to fresh air. If irritation persists, obtain medical attention.
SECTION VI. TOXICITY DATA
Carcinogenicity: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO
Oral: est. 500 mg/kg
Dermal: est 2500 mg/kg
Inhalation: ND

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SECTION VII. REACTIVITY DATA
Hazardous Polymerization Will Not Occur

Stability: Stable
Incompatibility (Materials to Avoid): Acids, aluminum.
Hazardous Decomposition Byproducts: Carbon Dioxide.

SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Small Spills: Sweep up.

Large Spills: Shovel up then sweep.

Disposal: Consider neutralization. Follow Federal, State, and Local requirements.

Handling and Storing: Store in a cool, dry, well ventilated area. Keep container tightly closed when not in use.

Other Precautions: Keep out of reach of children. For industrial and institutional use only.

SECTION IX. CONTROL MEASURES

Respiratory Protection: Not normally indicated

Ventilation: Normal indoor ventilation

Local Exhaust: Not normally indicated

Mechanical (General): Not normally indicated

Special: N/A

Other: N/A

Protective Gloves: Rubber or vinyl.

Eye Protection: ANSI Z87 optional.

Other Protective Clothing or Equipment: Long pants and sleeves.

Work/Hygiene Practices: The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

SECTION X. DOT INFORMATION

Sodium Hydroxide Mixture, 8, UN 1823, PG II

SECTION XI. MISCELLANEOUS INFORMATION

SARA 313: No

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guaranty as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA - Not Applicable

S - May Be Absorbed Through Intact Skin

N/D - No Data Available